SONY
make.believe

Conveniently stream Pandora® internet radio from your iPhone®[4] and hear it crisp and clear on the Sony® CDX-GT565UP. Customize your stereo with Dynamic Color Illuminator and create an impressive listening experience with the Advanced Sound Engine. You can also connect to satellite radio[3] and control your digital music players using the USB 1-Wire feature.

## Bullets

- Pandora® internet radio control for iPhone®[4]
- Dynamic Color Illuminator with Sound Synchronization
- Front USB input for iPod®[2], iPhone®[2] & USB music players
- Intuitive Quick-BrowZer® and ZAPPIN™ search features
- SiriusXM™ Satellite radio connector ready[3]
- MP3/WMA/AAC[1] playback with DM+ enhancement technology
- Detach face with LCD display and front aux input
- Advanced Sound Engine
- Automatic Level Optimizer
- 2V front & rear/sub pre-amp output with HPF/LPF
- Wireless card remote included (RM-X211)
- Radio Data System (RDS)

## Features

### Pandora® Internet Radio Control

Pandora® is the leading internet radio service, giving people music they love anytime, anywhere, through personalized radio stations. The CDX-GT565UP provides complete access to your Pandora account using your iPhone®[4].

### Dynamic Color Illuminator

Match your radio's illumination to complement your existing vehicle lighting components with the Dynamic Color Illuminator. With selectable Sound Synchronization, the timing of the color change is synchronized with the audio source.

### Front USB 1-Wire

Connect, charge, and control your iPod®[2], iPhone®[2], Walkman® or other compatible USB devices via the USB 1-Wire jack in the front of the unit. You can also view metadata like song title and artist on the front display.

### Intuitive Search Features

Use Quick-BrowZer® feature to find music by artist, album, genre, song or playlist. Jump Mode allows you to fast forward in a category in 10% increments while the ZAPPIN™ feature can play a 6/9/30 second intro clips to help you find a specific song.

### SiriusXM™ Satellite radio[3]

The on-board SiriusXM™ connector[3] simplifies satellite radio installation by eliminating compatibility issues and providing direct connection to the new platform of tuners.

### MP3/WMA/AAC playback[1]

Multi-format playback lets you play your MP3, WMA, or AAC files[1]. Hear digital music files in their original vibrancy with DM+ (Digital Music Plus), a Sony® codec enhancer that reproduces detailed frequencies from compressed audio files.

### Detach face with front aux input

The easy-to-read single line LCD display shows clock, station ID and track data when playing back your digital MP3/WMA/AAC files[1]. Front auxiliary input lets you connect almost any portable audio device to your car's sound system.

SONY
make.believe

### Advanced Sound Engine

The Advanced Sound Engine uses EQ7 equalizer, adjustable LPF/HPF crossovers, Listener Position calibration, DM+ advanced sound restoration, Rear Bass Enhancer, and Dynamic Loudness volume leveler to deliver an impressive listening experience.

### Automatic Level Optimizer

Automatic Level Optimizer analyzes each tracks playback levels and adjusts output level to optimize transitions between tracks and sources.

### RCA outputs for external amplifiers

When you're ready to expand your system, the CDX-GT565UP offers front and selectable rear or subwoofer pre-amp RCA outputs for external amplifiers. Set the built in electronic HPF/LPF crossovers to improve sound quality and reduce system distortion.

### Wireless Remote Included

The included wireless remote lets you control the basic functions of your CDX-GT565UP while keeping your eyes on the road.

### Radio Data System

Radio Data System (RDS) feature displays radio broadcast information such as artist and track information when listening to compatible AM/FM stations.

## Specifications

| Amplifier Section | |
|---|---|
| Max power output | 52 watts x 4 at 4 ohms |
| Power Ad Hoc | CEA2006 Standard Power: 17 Watts RMS per channel into 4 Ohms, 4 channels driven from 20 Hz to 20 kHz with less than 1% THD+N. |
| Speaker Impedance | 4-8 Ohms |
| **AMP & General Feature** | |
| Automatic Level Optimizer | Yes |
| Aux-In | Yes (Front) |
| DM+ (Codec enhancer) | Yes(Gen2.1) |
| EQ | EQ7: 7 band EQ with +/- 6 dB adjustment at 63 Hz, 160 Hz, 400 Hz, 1000 Hz, 2.5 kHz, 6.3 kHz and 16 kHz. |
| High Pass Filter | Selectable on/off at: 50, 60, 80, 100 or 120 Hz. |
| Loudness | Dynamic Loudness |
| Low Pass Filter | Selectable on/off at: 50, 60, 80, 100 or 120 Hz. |
| Output Power (4ohm, 1kHz,16V)(W) | 52 watts x 4 |
| Pre Out | (2) Front and Rear/Sub switchable |
| Rear/Sub initial | Sub |
| Rear Bass Enhancer | Yes |
| Sirius/XM Connector | Yes |
| Time Alignment Custom | Yes (Adjustment) |
| Time Alignment Preset | Yes |
| USB | Yes (Front) |
| **Audio** | |
| Band | AM / FM |
| Equalizer | EQ7: 7 band EQ with +/- 6 dB adjustment at 63 Hz, 160 Hz, 400 Hz, 1000 Hz, 2.5 kHz, 6.3 kHz and 16 kHz. |
| Format(s) Supported | MP3/WMA/AAC files[1] |
| Preout Impedance | 220 ohms |
| Preout Voltage | 2 volt |

SONY
make.believe

| | |
|---|---|
| S/N Ratio | Audio Power: CEA2006 S/N 80 dBA |
| Signal-to-Noise Ratio (dB) | CD: 120 dB |
| Station Preset(s) | 18 FM / 12 AM |
| Tuner Frequency Range | FM (MHz): 87.5-107.9<br>AM (kHz): 530-1710 |
| Tuner Type | SSIR-EXA with RDS |
| Wow and Flutter | Below measurable limit |

## AUX in Feature

| | |
|---|---|
| Level Adjustment | Yes (-8dB / +18dB) |

## Convenience

| | |
|---|---|
| Tilt Range | 0-45° mounting angle |

## Convenience Features

| | |
|---|---|
| Dimmer Adjust | Selectable Auto adjust or manual on/off |
| Key Illumination | Variable color illumination |
| On-Screen Clock | 12H |

## Display

| | |
|---|---|
| Display Color | Black / Variable color |
| Display Technology | LCD |
| Text Displayed | Source, artist, track, playback time, menu, clock and Pandora® data |
| Text Lines | 1 line of information |

## Display Panel

| | |
|---|---|
| Auto off mode | Yes |
| Dimmer Adjust | Auto |
| Key Illumination Initial | RAINBOW |

## Panel Design

| | |
|---|---|
| Display color (Color Variation/Nega or Posi) | Black color/Negative |
| Display Device (LCD/FL/OEL/TFT) | LCD |
| Key Illumination | Variable |
| Panel finish color | Dark Titanium |
| USB Shutter | Yes |

## Feature

| | |
|---|---|
| CODEC (for USB) | MP3, WMA, AAC[1] |
| Jump Mode | Yes |
| List Browsing (Folders/Files) | Yes |
| Pause | Yes |
| Repeat | OFF/ TRACK/ ALBUM |
| Resume Play | Yes |
| Shuffle | OFF/ALBUM/DEVICE |
| ZAPPIN | Yes |

## General

| | |
|---|---|
| CEA2006 output power | 17 |
| CEA2006 S/N | 80 |
| Dimensions (WxHxD) (mm) | 178x50x180 |
| Maximum output power (4ohm, 1kHz, 16V)(W) | 52 |

SONY
make.believe

| | |
|---|---|
| Mounting dimensions (WxHxD)(mm) | 182 x 53 x 162 |
| Preout impedance (ohms) | 220 |
| Preout output level (V) | 2 |
| Weight (kg) | 1.2 |

## Inputs and Outputs

| | |
|---|---|
| 12V Trigger Output(s) | Power antenna and amplifier turn on |
| Antenna Terminal(s) | AM/FM Antenna Input Terminal |
| Audio In | Front Aux in with variable level<br>Front USB input<br>SiriusXM connector |
| Digital Audio Input(s) | Ability to use all forms of USB devices may vary as not all devices are compatible. This unit is compliant with MSC (Mass Storage Class) and MTP (Media Transfer Protocol) type USB devices compliant with the USB standard. This unit cannot recognize USB devices via a USB hub.<br><br>This unit can be connected to the following iPods. Update your iPod to the latest software before you use it.<br>iPod Nano 1st - 6th generation<br>iPod Touch 1st - 4th generation<br>iPod Classic<br>iPod with video<br>iPhone<br>iPhone 3G<br>iPhone 3GS<br>iPhone 4<br>If you have any questions or problems concerning your unit that are not covered in the owners manual, consult your nearest Sony dealer. |
| Infrared Port | Wireless remote |
| RCA Audio Output(s) | Front and selectable Rear/Subwoofer RCA pre-amp outputs |
| Remote Jack | Optional wired remote terminal |
| USB Port(s) | Front |

## iPod Control Feature

| | |
|---|---|
| Accessory Information | Yes |
| CODEC (for iPod) | depend on iPod content |
| List Browsing (Folders / Files) | Quick-BrowZer® |
| Pandora Link (USB) | Yes |
| Passenger Control | Yes |
| Pause | Yes |
| Repeat | Yes (Track, Album, Artist, Playlist, Genre, Podcast) |
| Resume Play | Yes |
| Shuffle | Yes (Genre, Album, Artist, Playlist, Device, Podcast) |
| ZAPPIN | Yes |

## USB Capable

| | |
|---|---|
| USB Mass Storage Device | Yes |

## Other Features

| | |
|---|---|
| Card Remote ( ): Option | RM-X211 |
| CD lock mode | Yes |
| Clock | 12H |
| Rotary commander ( ):Option | (RM-X4S) |
| Security | Detachable |

## Tuner

| | |
|---|---|
| FM Usable Sensitivity | 8 dBf |

SONY
make.believe

| | |
|---|---|
| Frequency Response | FM: 20-15,000 Hz |
| S/N Ratio | 80 dB (stereo) |
| Selectivity | 75 dB at 400 kHz |
| Stereo Separation | 50 dB at 1 KHz |
| FM: Channel separation (dB) | 50 dB at 1 kHz |
| FM: Frequency response (Hz) | 20 - 15k |
| FM: Intermediate frequency (MHz) | 25 KHz |
| FM: S/N ratio (mono) (dB) | 80 dB stereo |
| FM: Selectivity (400 kHz) (dB) | 75 dB |
| FM: Tuning range (MHz) | 87.5-107.9 |
| FM: Usable sensitivity (75 ohm) (dBf) | 8 dBf |
| MW: Tuning range(kHz) | 530-1710 |
| MW/LW/SW: Sensitivity (75 ohm) MW/LW/SW(uV) | 26/-/- |

## Tuner Feature

| | |
|---|---|
| Preset | FM18/AM12 |
| RDS/EON (NA Only:RBDS, Others:RDS) | Yes (RBDS) |

## Weights and Measurements

| | |
|---|---|
| Dimensions (Approx.) | 178 x 50 x 180 mm, 7.125 x 2 x 7.125 inch (w/h/d) |
| Dimensions (Approx) Depth | 7.125" (180 mm) |
| Dimensions (Approx) Height | 2" (50 mm) |
| Dimensions (Approx) Width | 7.125" (178 mm) |
| Weight (Approx.) | 1.2 kg (2 lb. 11 oz.) |

## Supplied Accessories

| | |
|---|---|
| Supplied Accessories | Parts for installation and connections (1 set)<br>RM-X211 wireless remote |

## Optional Accessories

| | |
|---|---|
| Optional Accessories | USB Connection Cable for iPod®: RC-100IP |

1. Copy-protected content not supported.

2. Works with iPod touch® 1st - 4th generation, iPod nano® 1st - 6th generation, iPod classic®, iPod® with video, and iPhone®, 3G, 3GS and 4.

3. Requires antenna and tuner, both sold sep.

4. Works with iPhone® 3G, 3GS, and 4 via front USB port.

© 2011 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, ZAPPIN, SensMe, Walkman, Quick-BrowZer and their respective logos are trademarks of Sony. iPod, iPod classic, iPod nano, iPod mini, and iPhone are trademarks of Apple Inc. PANDORA, the PANDORA logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc., used with permission. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice. Updated: September 8, 2011